

# 圓管規範重量表

JIS (日本工業規格協會)

JIS G3452 SGP

JIS G3454 STPG

JIS G3455 STS

JIS G3456 STPT

JIS G3460 STPL

名稱		外徑	外徑厚度 (mm)											外徑
(A)	(B)	(mm)	S.G.P.	Sch. 10	Sch. 20	Sch. 30	Sch. 40	Sch. 60	Sch. 80	Sch. 100	Sch. 120	Sch. 140	Sch. 160	(mm)
6	1/8	10.5	2 0.419				1.7 0.369	2.2 0.45	2.4 0.479					10.5
8	1/4	13.8	2.3 0.652				2.2 0.629	2.4 0.675	3 0.799					13.8
10	3/8	17.3	2.3 0.851				2.3 0.851	2.8 1	3.2 1.11					17.3
15	1/2	21.7	2.8 1.31				2.8 1.31	3.2 1.46	3.7 1.64				4.7 1.97	21.7
20	3/4	27.2	2.8 1.68				2.9 1.74	3.4 2	3.9 2.24				5.5 2.94	27.2
25	1	34	3.2 2.43				3.4 2.57	3.9 2.89	4.5 3.27				6.4 4.36	34
32	1 1/4	42.7	3.5 3.38				3.6 3.47	4.5 4.24	4.9 4.57				6.4 5.73	42.7
40	1 1/2	48.6	3.5 3.89				3.7 4.1	4.5 4.89	5.1 5.47				7.1 7.27	48.6
50	2	60.5	3.8 5.31		3.2 4.52		3.9 5.44	4.9 6.72	5.5 7.46				8.7 11.1	60.5
65	2 1/2	76.3	4.2 7.47		4.5 7.97		5.2 9.12	6 10.4	7 12				9.5 15.6	76.3
80	3	89.1	4.2 8.79		4.5 9.39		5.5 11.3	6.6 13.4	7.6 15.3				11.1 21.4	89.1
90	3 1/2	101.6	4.2 10.1		4.5 10.8		5.7 13.5	7 16.3	8.1 18.7				12.7 27.8	101.6
100	4	114.3	4.5 12.2		4.9 13.2		6 16	7.1 18.8	8.6 22.4		11.1 28.2		13.5 33.6	114.3
125	5	139.8	4.5 15		5.1 16.9		6.6 21.7	8.1 26.3	9.5 30.5		12.7 39.8		15.9 48.6	139.8
150	6	165.2	5 19.8		5.5 21.7		7.1 27.7	9.3 35.8	11 41.8		14.3 53.2		18.2 66	165.2
200	8	216.3	5.8 30.1		6.4 33.1	7 36.1	8.2 42.1	10.3 52.3	12.7 63.8	15.1 74.9	18.2 88.9	20.6 99.4	23 110	216.3
250	10	267.4	6.6 42.4		6.4 41.2	7.8 49.9	9.3 59.2	12.7 79.8	15.1 93.9	18.2 112	21.4 130	25.4 152	28.6 168	267.4
300	12	318.5	6.9 53		6.4 49.3	8.4 64.2	10.3 78.3	14.3 107	17.4 129	21.4 157	25.4 184	28.6 204	33.3 234	318.5
350	14	355.6	7.9 67.7	6.4 55.1	7.9 67.7	9.5 81.1	11.1 94.3	15.1 127	19 158	23.8 195	27.8 225	31.8 254	35.7 282	355.6
400	16	406.4	7.9 77.6	6.4 63.1	7.9 77.6	9.5 93	12.7 123	16.7 160	21.4 203	26.2 246	30.9 286	36.5 333	40.5 365	406.4
450	18	457.2	7.9 87.5	6.4 71.1	7.9 87.5	11.1 122	14.3 156	19 206	23.8 254	28.4 310	34.9 363	39.7 409	45.2 459	457.2
500	20	508	7.9 97.4	6.4 79.2	9.5 117	12.7 155	15.1 184	20.6 248	26.2 311	32.5 381	38.1 441	44.4 508	50 565	508
550	22	558.8					15.9 213	22.2 374	28.6 451	34.9 527	41.3 600	47.6 672	54 722	558.8
600	24	609.6					17.5 256	24.6 355	31 442	38.9 547	46 639	52.4 720	59.5 807	609.6
650	26	660.4					18.9 299	26.4 413	34 525	41.6 635	49.1 740	56.6 843	64.2 944	660.4
(A)	(B)	(mm)	S.G.P.	Sch. 10	Sch. 20	Sch. 30	Sch. 40	Sch. 60	Sch. 80	Sch. 100	Sch. 120	Sch. 140	Sch. 160	(mm)

END : 1.5° & under plain square cut ends

2° & above bevelled ends

※外徑-厚度×厚度×0.02466=一米重量

# 鋼管規範重量表

ANSI Pipe Schedule

SI-units ( metric )

OD's=mm

Wall thickness=mm

Weight=kg/m ( plain end mass )

For 5 S, 10 S, 40 S, 80 S:

Figures based on austenitic steel

( ASTM / API / ASME )

Nominal pipe size mm/inch	OD mm	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
6 1/8	10.3				1.7 0.37	1.7 0.37		2.4 0.47	2.4 0.47					
8 1/4	13.7				2.2 0.63	2.2 0.63		3 0.8	3 0.8					
10 3/8	17.1				2.3 0.84	2.3 0.84		3.2 1.1	3.2 1.1					
15 1/2	21.3				2.8 1.27	2.8 1.27		3.7 16.2	3.7 16.2				4.8 1.95	7.5 2.55
20 3/4	26.7				2.9 1.69	2.9 1.69		3.9 2.2	3.9 2.2				5.6 2.9	7.8 3.64
25 1	33.4				3.4 2.5	3.4 2.5		4.6 3.24	4.6 3.24				6.4 4.24	9.1 5.45
32 1 1/4	42.2				3.6 3.39	3.6 3.39		4.9 4.47	4.9 4.47				6.4 5.61	9.7 7.77
40 1 1/2	48.3				3.7 4.05	3.7 4.05		5.1 5.41	5.1 5.41				7.1 7.25	10.2 9.56
50 2	60.3				3.9 5.44	3.9 5.44		5.5 7.48	5.5 7.48				8.7 11.11	11.1 13.44
65 2 1/2	73				5.2 8.63	5.2 8.63		7 11.41	7 11.41				9.5 14.92	14 20.39
80 3	88.9				5.5 11.29	5.5 11.29		7.6 15.27	7.6 15.27				11.1 21.35	15.2 27.68
90 3 1/2	101.6				5.8 13.57	5.8 13.57		8.1 18.63	8.1 18.63				-	-
100 4	114.3				6 16.07	6 16.07		8.6 22.32	8.6 22.32		11.1 28.32		13.5 33.54	17.1 41.03
125 5	141.3				6.6 21.77	6.6 21.77		9.5 30.97	9.5 30.97		12.7 40.26		15.9 49.11	19.1 57.43
150 6	168.3				7.1 28.26	7.1 28.26		11 42.56	11 42.56		14.3 54.2		18.3 67.56	22 79.22
200 8	219.1		6.35 33.31	7.04 36.81	8.2 42.55	8.2 42.55	10.3 53.08	12.7 64.64	12.7 64.64	15.1 75.92	18.3 90.44	20.6 100.92	23 111.27	22.2 107.92
250 10	273.1		6.35 41.77	7.8 51.03	9.3 60.31	9.3 60.31	12.7 81.55	12.7 81.55	15.1 96.01	18.3 114.75	21.4 133.06	25.4 155.15	28.6 172.33	25.4 155.15
300 12	323.9		6.35 49.73	8.38 65.2	9.5 73.88	10.3 79.73	14.3 108.96	12.7 97.46	17.5 132.08	21.4 159.91	25.4 186.75	28.6 208.14	33.3 238.76	25.4 186.97
350 14	355.6	6.35 54.69	7.92 67.9	9.53 81.33	9.5 81.33	11.1 94.55	15.1 126.71	12.7 107.39	19.1 159.1	23.8 194.96	27.8 224.65	31.8 253.56	35.7 281.7	
400 16	406.4	6.35 62.64	7.92 77.83	9.53 93.27	9.5 93.27	12.7 123.3	16.7 160.12	12.7 123.3	21.4 203.53	26.2 245.56	31 286.64	36.5 333.19	40.5 365.35	
450 18	457.2	6.35 70.57	7.92 87.71	11.13 122.38	9.5 105.16	14.3 155.8	19.1 205.74	12.7 139.15	23.9 254.55	29.4 309.62	34.9 363.56	39.7 408.26	45.2 459.37	
500 20	508	6.35 78.55	9.53 117.15	12.7 155.12	9.5 117.15	16.1 183.42	20.6 247.83	12.7 155.12	26.2 311.17	32.6 381.53	38.1 441.49	44.5 508.11	50 564.81	
550 22	558.8	6.35 86.54	9.53 129.13	12.7 171.09	9.5 129.13	-	22.2 294.5	12.7 171.09	28.6 373.83	34.9 451.42	41.3 527.02	47.6 600.63	54 672.26	
600 24	609.6	6.35 94.53	9.53 141.12	14.27 209.64	9.5 141.12	17.5 255.41	24.6 355.26	12.7 187.06	31 442.08	38.9 547.71	46 640.03	52.4 720.15	59.5 808.22	
650 26	660.4	7.92 127.36	12.7 202.72	-	9.5 152.87	-	-	12.7 202.72	-	-	-	-	-	-
700 28	711.2	7.92 137.32	12.7 218.69	15.88 271.21	9.5 164.85	-	-	12.7 218.69	-	-	-	-	-	-
750 30	762	7.92 147.28	12.7 234.67	15.88 292.18	9.5 176.84	-	-	12.7 234.67	-	-	-	-	-	-
800 32	812.8	7.92 157.24	12.7 250.64	15.88 312.15	9.5 188.82	17.5 342.91	-	12.7 250.64	-	-	-	-	-	-
850 34	863.6	7.92 167.2	12.7 266.61	15.88 332.12	9.5 200.31	17.5 364.9	-	12.7 266.61	-	-	-	-	-	-
900 36	914.4	7.92 176.96	12.7 282.27	15.88 351.7	9.5 212.56	19.1 420.4	-	12.7 282.27	-	-	-	-	-	-

(另可供貨至60英寸)

※外徑－厚度×厚度×0.02466＝一米重量